



Algae Agar Galactose Polymer

Culture media used in cuisine, dentistry, and microbiology. Columbia Agar is supplemented with 5% defibrinated sheep blood. Iodine moss red algae seaweed coagulates blood cleansing from fungi and bacteria. Classed as an antiseptic, antibacterial and antiviral. Blood moss carrageenan is phytogetic, thickening plasma as a vitamin K.

**1957 : Growing Tissue Culture : In Vitro** Human liver cells, malignant or normal require 13 amino acids for survival and growth (arginine, cystine, glutamine, histidine, isoleucine, leucine, lysine, methionine, phenylalanine, threonine, tryptophan, tyrosine, and valine) and the 8 essential vitamins, plus salts, glucose, and 5% dialyzed human serum protein. 20 naturally occurring amino acids both essential and non essential may be used to produce hemoglobin. Non essential amino acids (biofactor | bioproduce) in vivo.

**Hæme Synthesis** Escherichia Coli Strain K-12 substr. MG1655 bacteria has the ability to produce human hemoglobin. Seeder tank. Ferment tank. Then the final processing tank. Chemicals are added to maintain nutrition and pH balances during processes. Then Pasteurization. Production method has been shown to be able to produce batches as large as 2,640 gal (10,000 L).

**ΕΞ** Diatonic scale : "dia" means "through" in Greek διατονικός :: diatonikos meaning [passing] through tones.

hansmalab.physics.ucsb.edu/afmbone.html

4µm 22yr male human bone (x250) 4µm osteoporotic 80yr female (x250) 8000x 29.8µm fei.com : tinyurl.com/y5n5nzzz

Calcium (Ca) is diamagnetic and so is Cuprite (Cu). Iron is ferromagnetic (Fe). Copper alloys are paramagnetic. Paramagnetism (supposition) is two magnetic fields interfering with each other as do two colliding galaxies. Diamagnetism is an orbital cymatic pseudo vector measuring net zero, resonating convergence in diametrics. Gravity and shaking stimulates stem cell migration from bone marrow. Hæmopoietic stem cells (HSCs) are undifferentiated [same], immature white blood cells. Differences called differentiated stem cells divide physically through kinetic shaking, example, walking, exercise, vibrations.

Blood Substitutes Date Back to 1616

"I break all the rules, like evel knievell, a spectacular show, cause my heart pumps diesel." - Magic Bob

Plant biodiesel is a lubric, vicious, osmo-less, thick, lipid solution, free from sulphur. Petro diesel is an airy, oxygen void, osmo-more, lipid solution, unsuitable for consumption. In 1854, Milk was rumoured to be a blood substitute. 1884 Saline infusion replaces milk. In 1926 Isotonic Solutions use dissolved chloride salts: sodium, potassium, calcium and pH balancing sodium bicarbonate to equalbralize tonism. Magnesium sulfate (Epsom salt) is a common osmotic cathartic in 6% isotonic solution. Mannitol, sorbitol, and disaccharides such as lactulose, are used as cathartics.

**2012 The Liver in Mammals Puts Heme Iron and Vitamin C into RBCs** Artificial blood is used in MRI (Magnetic Resonance Imaging). Substituting Vitamin C with Citric Acid may produce gout long term. Maghemite nanoparticles 100nm become magnetoliposomes after lipid film hydration.



**MAGNETIC FORCE MICROSCOPY (MFM) VIEWER** gwyddion.net Nano sensor scans signal to digital "oscilloscope" <1,000 >½ million. Probes are nanoscopic in size. Scanning takes hours. Nitrogen is diamagnetic. Oxygen is paramagnetic. Hydrogen is weakly magnetic. Magnesium is paramagnetic. MRIs move subject relative to magnet coils. MFM scans as a record player. Free Open Source MFM Software

Do You Need To Know More? www.asmrstudio.com DrDoubleDragon@gmail.com

A+ A- B+ B- AB+ AB- O+ O- AND Rh Null

**8 Blood Types, 49Rh Antigen Proteins, 4 Centrifuged Layers** medicinenet.com/what\_is\_the\_golden\_blood\_type/article.htm

1. 55% Plasma carries salt electrolytes (Na<sup>+</sup>, Ca<sup>2+</sup>, Mg<sup>2+</sup>, HCO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, etc.) and enzymes. Main carbon waste transport. **2.** Clotting Platelets **3.** White Blood Cell Leukocytes (WBCs) hold nucleic DNA 2nm in size **4.** Red Blood Cell Lipids (RBCs) carry oxygen.

**Microbials :** Germ free lab mice live only +7% yrs. Human cell to bacteria ratio is 1:99. Prions are ionic. Solar magnetic ions are explained as disease and virus. Virii are non-living pathological disease remnants. Macrophages (parasites) inject Rh (Rhesus) into RBC lipid boundary layers. Bacteriophages intercept pathogens, generating antigens. Symbiosis is immunological and probiotic. ABO +/- antigens (precombineate carbohydrates) and Rh (recombinant RNA proteins) are carried on erythrocytes (new RBCs). Rh null accounts for 15% total bloodtypes. Golden blood type (Rh null) has no Rh on RBC being the rarest group in the world, with less than 50 individuals. First seen in Aboriginal Australians.

**Synthetic Red Blood Cells (sRBC's)** pnas.org/content/106/51/21495

Oxygenating, capillary permeable, medical imaging PLGA (lactic-co-glycolic acid) lipids. Electrohydrodynamic jetting (BioPrinting). Images created using electron microscopy.

RBC-shaped PLGA lipids (Scale bars, 5 µm.) (Insets, 2 µm.)

sRBC's from PLGA by PAH/BSA deposition in LbL

Cross-linked mouse RBCs. sRBC resemble natural RBC

**Colours, Tones and Humors** Venous system is blue. Hæmoglobin in arterial systems is [red]. Biliverdin [green] is broken down from Haem to Bilirubin [orange]. Bilirubin secretes colorless urobilinogen circulating through kidneys producing Urobilin [Yellow Urine]. Remaining bilirubin produces stercobilin [Brown] moved out through faeces Stem cells are found in white blood, 80 colors found within.

compoundchem.com/2017/01/12/bodily-fluids hms.harvard.edu : tinyurl.com/y3x2rmfb

**[ S/D ] [ S:D ] Blood Hydrostatic Pressure**

**SYSTOLIC** interstitial fluid hydrostatic pressure (IFHP) Lymphatic

**DIASTOLIC** capillary hydrostatic pressure (CHP) Diametric

**Heme Iron Bilirubin Colorimetry** ncbl.nlm.nih.gov/pubmed/15231238

Mitochondria synthesize heme, requiring Vitamin B(6), riboflavin, biotin, pantothenic acid, lipoic acid and minerals zinc, iron, copper. Bilirubin (black bile) is spleen dumping RBC iron. Albumin (glair/clear) carries steroidil thyroid hormones, protein, fatty acids and stabilizes oncotic plasma pressure (colloid osmotic pressure) through extracellular fluid volume. Succinyl CoA micronutrients, the porphyrins precursor, by the TCA (Krebs) cycle. Bilirubin is brownish yellow bile waste pigment, turns stool (feces) light to dark brown.

Density Function Theory (DFT) oxygen-bound, non-heme iron complexes. researchgate.net : tinyurl.com/yb2v85sf

Haemoglobin ScienceDirect.com tinyurl.com/4s6w5298

(L) non-oxygen ligands. Common symbol does not necessarily mean that the ligand atoms are equivalent.

Blood, Brain, and B Vitamins - CARB-O-NITRO's

	NAMES	PROS
B1	Thiamin C <sub>12</sub> H <sub>17</sub> N <sub>4</sub> OS	Hepatic Metabolism. Arteriole Vasodilation - Coenzyme in pyruvate and 2-oxo- glutarate dehydrogenase - Chick & Roscoe 1927. Milk. 1.2 mg Oral (RDA) BeriBeri, White Rice Syndrome
	MonoNitrate C <sub>12</sub> H <sub>15</sub> N <sub>3</sub> O <sub>6</sub> S <sub>2</sub>	Dating 8th c. Sergei Korsakoff (Neuro Psychiatrist 19th c) Syndrome (Alcohol Amnesic Disorder / Wernicke Encephalopathy)
	Sulbutiamine C <sub>12</sub> H <sub>19</sub> Cl <sub>2</sub> N <sub>3</sub> OS	Butter, Dairy. Y to O-Y Color. "Fluorescent"/Luminous Y-G in UV Light (Corneal Drops Stiffen Collagen) - Milk photodegrades to Lumiflavin C <sub>13</sub> H <sub>9</sub> N <sub>2</sub> O <sub>2</sub> 1.3 -1.1 mg (RDA) @ph-7 2hr
B2	Riboflavin C <sub>17</sub> H <sub>20</sub> N <sub>4</sub> O <sub>6</sub>	1500 lux 100 µM Lumichrome C <sub>17</sub> H <sub>18</sub> N <sub>4</sub> O <sub>2</sub> edema (water), angular stomatitis (oral lesions), cheilosis (swollen, cracked lips), hair loss, reproductive problems, sore throat, itchy red eyes, liver, cns degeneration. Dairy Products. pubs.acs.org/doi/10.1021/jf052448v
	TetraButrylate C <sub>33</sub> H <sub>44</sub> N <sub>4</sub> O <sub>10</sub>	Color. light-yellowish viscous.
B3	Niacin C <sub>6</sub> H <sub>5</sub> NO <sub>2</sub>	Vasodilator. Nitrogen. Deficiency seen as Pellagra. Arterial vasodilation.
	Choline C <sub>8</sub> H <sub>9</sub> NO+	Cation that forms various salts. Eggs, Lecithin.
B4	Adenine C <sub>5</sub> H <sub>5</sub> N <sub>5</sub> O <sub>2</sub>	Cathode Ions. Alpha GPC.
	Pantothenic (Acid) C <sub>8</sub> H <sub>9</sub> NO <sub>3</sub>	RBCs and CoA Enzymes. Electrospriz Lipids.
B5	Hyaluronic (Acid) (C <sub>14</sub> H <sub>21</sub> NO <sub>11</sub> ) <sub>n</sub>	Pantothenate Anion. Metabolic to Fats, Carbs. Hair color. light-yellowish viscous. pubmed.ncbi.nlm.nih.gov/31777307/
B6	Pyridoxine C <sub>8</sub> H <sub>9</sub> NO <sub>3</sub>	Worst tasting. Treatment for anemia (RBCs).
B7	Biotin C <sub>10</sub> H <sub>16</sub> N <sub>2</sub> O <sub>3</sub> S	Thickens hair, improves skin, cell repair. Water soluble.
B9	Folate C <sub>19</sub> H <sub>19</sub> N <sub>7</sub> O <sub>6</sub>	Deficiency seen as Anaemia. Beans, lentils, asparagus, spinach.
10	Paba Para Amino benzoic (Acid) C <sub>8</sub> H <sub>9</sub> NO <sub>2</sub>	Probably related to Pabium baby food and Pabst Blue Ribbon. Sunscreen.
	PHGA Pteryl Hepta Glutamic Acid. Chick Growth Factor.	
11	Salicylic (Acid) C <sub>7</sub> H <sub>5</sub> NO <sub>3</sub>	
	Colabamin C <sub>22</sub> H <sub>36</sub> CoN <sub>3</sub> O <sub>4</sub> P+	Dumped from Spleen uptake to Kidney and Pancreas. Loaded in Liver. Found in Cow Tongue, fast neuro taste transmitter. Anemia. Said to cause yellow urine.
12	Orotic (Acid) C <sub>5</sub> H <sub>7</sub> N <sub>3</sub> O <sub>4</sub>	Potassium salt for protein metabolism and pyrimidine biosynthesis
	Valine C <sub>6</sub> H <sub>11</sub> NO <sub>2</sub>	Hydrophilic blood lipid nitrogen for phosphate permeability.

CARBOHYDRATES - BLOOD OSS MODULATORS - PLASMA									
B8	Inositol C <sub>6</sub> H <sub>12</sub> O <sub>6</sub>	Sugar produced in kidneys. More effective than SSRIs in panic disorder. Osmolyte as is sorbitol, glycerophosphorylcholine, and betaine in Osmoregulation.							
K	Phytonadione C <sub>31</sub> H <sub>46</sub> O <sub>2</sub>	Blood plasma thickener. Helps clotting. Stasis. Phytohaemagglutinin. Prevents hemorrhaging. Bones using K2 build protein 49 residue Osteocalcin. Hyperviscosity (<65%RBCs) preventative.							

Offal Beef Caribou : Bos Taurus Tarandus Vitaminum										nutritiondata.self.com				
Percentage based on 113g portions, and 2000 calorie Recommended Daily Allowance (RDA) diet. Units in brackets, or milligrams unless marked with "mcg"														
NOTE : Belugas have only P and no Fe or Ca in Eyes. "unknown", "veal", "cooked", Stomach is pork. "caribou"														
	RDA mg	%SPLEEN	%LIVER	%STOM	%TRIPLE	%LIVER 28g	%EYES	%KIDNEY	%MARRO	%PANCREAS	%BRAIN	%THYMUS	%TONGUE	%LUNG
A*	900mcg	~	~	0	0	380	8	32	4	0	3	0	0	1
C	90mg	86	4	0	0	4	~	18	~	26	20	64	6	72
D*	20mg	~	~	~	~	4	~	9	~	~	~	~	~	~
E	15mg	~	1	0	1	4	~	1	~	~	6	~	~	~
K*	120mcg	~	~	0	0	4	~	0	~	~	0	~	~	~
B1	1.2mg	4	18	4	0	16	0	27	1	11	7	8	9	4
B2	1.3mg	25	60	13	4	180	4	189	~	30	13	23	23	15
B3	16mg	47	43	14	5	54	0	45	1	25	20	20	~	23
B4	475mg	~	~	46	46	80	~	~	~	~	78%	~	~	~
B5	5 mg	12	20	14	3	80	~	45	~	4.4	23	34	7	11
B6	1.3mg	4	16	2	1	60	~	38	~	11	13	9	18	2
B9*	400mcg	1	1	1	1	80	~	28	~	9	1	1	2	3
B12*	2.4mg	107	161	6	26	1108	~	518	~	264	179	40	71	72
FAT	27%	5%	7%	18%	6%	2%	56	5	114	32	18	35	28	4
CARB	55%	0%	0%	0%	0%	0%	0	0	~	0	0	0	1	0
PROTEIN	41%	40%	38%	27%	11%	24	39	12	35	25	28	34	37	30
AMINO	142	~	~	~	~	155	~	~	~	109	122*	98	109	130
Ca	+700mg	1	1	1	8	0	4	1	~	1	5%	0	1	1
Fe	18 mg	280%	27	6	4	32	28	29	28	14	16	7	19	50
Mg	350 mg	6%	6%	3	4	4	~	5	~	5	4	6%	5	4
P	1200 mg	33	24	15	7	44	8	29	12	37	41	60%	15	25
K	120 mcg	14	9	5	2	12	~	8	~	9	9	16%	10	11
Na	500 mg	4	5	4	5	4	~	9%	~	3	6	3	3	9%
Zi	9 mcg	16	13	14	11	28%	~	14	~	19	8	12	22	12
Cu	10 mg	9	22	10	4	548%	~	24	~	3	16	4	10	15
Mn	2 mg	4	2	2	5	16%	~	8	~	8	1	1	1	1
Se*	55 mcg	100	35	50	20	64	~	228%	~	40	34	26	15	72
FI		~	~	~	~	~	~	~	~	~	~	~	~	~

**Methyl B-12 and Sulphur Pathways, Torque , Tau, Turning ( T ) and Long is Lung** Sulphur amino acid methionine scavenges hydrogen from moisture reducing electrolytic torque heat damage. Overall the Lungs need Vitamin C and B12. TCM (Traditional Chinese Medicine) Longing Tea, Lung Ching provide green color tea, whereas yellow teas are sulphur deficient. Methionine in a protein hydrophobic core drives tight interactions required spider silk secretion assembly nature.com/articles/s41467-019-12365-5

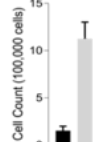


## SOUND KINEMATICS (CYMATIC TUTS)

Iron particles at low and strong sound vibrations. Body stores iron in the liver, and spleen. In bone marrow as ferritin and hemosiderin. Sound moves. 1960's Hans Jenny.

[youtu.be/I4JUMWFKPT?i=334](https://youtu.be/I4JUMWFKPT?i=334)

Absolute = 0 Resistance. **Absolute Magnitude** (1902). Ferro Magnetism -> Serro Magnetism



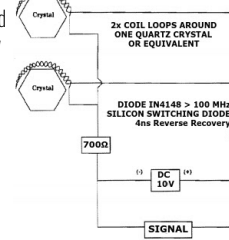
## High-Gradient Magnetic Fields (HGMFs) and Cell Life

Bones express HGMFs suppressing tumors and dividing cells. Stem cells birth in bone cavity hollows called marrows. <sup>[1]</sup> Bone marrow is in the ribs, vertebrae, sternum, pelvis, femur, etc. Stem cells grow inside zero net magnetic fields. They divide once large enough through shaking. From the geomagnetic sphere to the ground, bioelectric currents pass through bones as gaussian electromagnetic shields. <sup>[2]</sup> Kirlian "auras" are seen through electrostatic plate photography. <sup>[3]</sup> [nature.com/articles/srep37407](https://nature.com/articles/srep37407) <sup>[4]</sup> [nasa.gov : tinyurl.com/wrm86n8](https://nasa.gov/tinyurl.com/wrm86n8)



## Dracul (Saxo) Vlad the Dragon : Dago : *Vlad Țepeș*

His handwriting was perfect, and the crown crystals adorned technological, mythical or both? Slavic languages span Europe to West Canada and beyond! Alive in 1431-1476, the painting is late 16th century. Is that pointy hat hiding an elongated hungarian skull? Emaciated with brown curly hair, agelessness, and immortality.

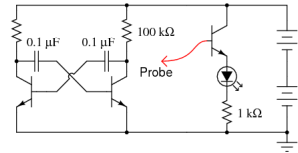


## Ion Cyclotron Resonance (ICR), charge-to-mass ratio of q/m.

If B is reduced to as close to zero as possible, then *f* should correspondingly approach zero too. Zero Magnetic Fields (ZMF) cancel magnetic flux generated around the non-inductive wire coil. Obeys Taiji (Tai Chi) principle, and hence, should create a vital energy Qi. *f* = (q / 2 π m) \* B. Cable is diamagnetic (Gold, Calcium, Al-Ca). 2 Crystals vibrate in tuned frequency to voltage. Encourages bio-growth, shielding stem cells as bones do. [journals.sfu.ca : tinyurl.com/y35qr16c](https://journals.sfu.ca/tinyurl.com/y35qr16c)

## Living Bone Grown in Lab by Sending Vibrations Through Stem Cells

Glasgow Universities, Strathclyde, Scotland West and Galway created a device that sends nano vibrations across mesenchymal stem cells suspended in a collagen gel. Published in the *Nature Biomedical Engineering* journal, these tiny vibrations turn the cells into a mineralised bone 'putty' 3D model. [wired.co.uk/article/lab-grown-bone-biomedical-engineering-osteoporosis-amputees](https://wired.co.uk/article/lab-grown-bone-biomedical-engineering-osteoporosis-amputees)

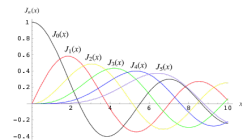


## OSCILLATOR AND BESSEL WAVES

Osmotic pressures are achieved through oscillators. Piezoelectric crystals turn electrical amperage velocity into voltage waves at set frequency. Magnet wires are insulated copper or aluminium wires. Both are used in transformers.

Semiconductors (Tungsten or Aluminium) turn electromagnetism into light with LEDs. 2x 100kΩ, 1x 1kΩ resistors, 0.1 μF capacitors, 2x npn transistors, 1x pnp transistor and x2 6V batteries make an LED oscillate. [allaboutcircuits.com : tinyurl.com/jcsleydv](https://allaboutcircuits.com/tinyurl.com/jcsleydv)

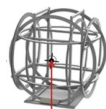
THIS CROSS PRODUCT CIRCUIT MIGHT BE THE ABOVE OSCILLATOR EQUIVALENT. NEED PROOF. PROBABLY PARALLEL STACK FREQUENCIES



$$x^2 \frac{d^2 y}{dx^2} + x \frac{dy}{dx} + (x^2 - n^2) y = 0.$$

BESSEL FUNCTIONS CROSS PRODUCT

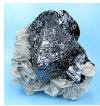
[mathworld.wolfram.com/BesselDifferentialEquation.html](https://mathworld.wolfram.com/BesselDifferentialEquation.html)



**Near Zero Magnetic Field** Magnetic Fields on Growth, Development and Reproduction (Faraday Cages slow Growth in Insects). NZMF negatively affects SBPH and BPH growth, development, and strong effects on reproduction.

[sciencedirect.com/science/article/abs/pii/S0022191014001310](https://sciencedirect.com/science/article/abs/pii/S0022191014001310)

Baby Boy Lipartitti [www.asmrstudio.com](http://www.asmrstudio.com) DrDoubleDragon@gmail.com



## CASSITERITES AND MUSCOVITES : TIN ORE : SnO<sub>2</sub> : TETRAGONAL

Stanium (Latin), စတိဉ်သိုဉ် (Burmese), isitaninum (Ahamric), satanum (Arabic), togh (Armenian), Styanāma (Bangla), stann (Belarus) is a magneto static tin oxide ore. Tins found in cans are "finished" or cathodically sealed, and may have no special static properties remaining. Magnetic sound tapes statically hiss and pop. Possibly named after the Kassites. Tin (Sn) is Different than Tin Oxide (SnO<sub>2</sub>).

Oxidizing radicals from tetragonal (square based pyramidal) cause long term damage in vitamin c (serum) absence. Tin stuck in mitochondria (400μm) must be massaged out via plasma. DNA lives inside as chromosomes, and exits into Howell-Jolly body erythrocytes (new RBCs). Old recycled blood cells contain no dna. [en.wikipedia.org/wiki/Cassiterite](https://en.wikipedia.org/wiki/Cassiterite)

## Dental Metallurgy : Philadelphia, NY 1888

Materials in Dental Amalgam: Copper [Cu], Indium (PhotoVoltaic) [In], Tin [Sn], Calcium [Ca], Mercury [Hg], Silver [Ag], Gold [Au], Palladium [Pd], Chromium [Cr], Samarium [Sm], Cobalt [Co], Platinum [Pt], Thallium [Tl], Zinc [Zn], etc... Braces : Stainless Austenitic Steel (SUS304), Stainless Ferritic Steel (SUS405), Tungsten (wolfram ore) is brittle to impact and strong tensions making reinforcement dowels for "logan crown" soft alloys. [books.google.ca/books?id=UOM2AQAAAMAI](https://books.google.ca/books?id=UOM2AQAAAMAI)

## Organo-Selenium-containing Dental Sealant Inhibits Bacterial Biofilm

Human mammalian selenium (U) metabolism is poorly absorbed. [ncbi.nlm.nih.gov/pmc/articles/PMC3627506](https://ncbi.nlm.nih.gov/pmc/articles/PMC3627506)

## Dental Metal Magnetic Resonance Image (MRI)

Au, Ag : No Defect SUS304 : Small Defects  
Au-Ag-Pd : No Defect SUS405 : Large Defects  
Ni-Cr : Small Defects (braces) Sm-Co : Large Defects  
Co-Cr : Small Defects Pd-Co-Ni : Large Defects



## Hollow Bones Magnetically Shield Stem Cells

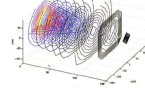
Dinosaurs grew sizes that needed efficient stem cell generation. Current science places dinosaurs' lifespan at 28 years, meanwhile, some studies say over 152. Hollow bones made from porous calcium create a gaussian seal demagnetizing hydro cell materials. Cell division occurs as vibrations and thermo resonations shake them apart. Did dinosaurs exceed thousand year lifespans? What nutrients are stem cells hungry for? Do different bone shapes matter? Yes.

**The Application of Hyaluronic Acid in Bone Regeneration** A biomimetic scaffold consisting of a bioglass (BG)-collagen (Col)-hyaluronic acid-phosphatidylserine composite has been synthesized. Bioglass, which is known to be highly osteoconductive and promising for promoting osteogenesis, is limited by its relative stiffness and brittleness, resulting in a lack of moldability. [sciencedirect.com/science/article/pii/S0141813019366255](https://sciencedirect.com/science/article/pii/S0141813019366255)



## OMNIVORE AND CARNIVORE Θ PLASMATICS AND SERUMS IN BLOOD

[randfonline.com/doi/pdf/10.1080/02541858.1987.11448018](https://randfonline.com/doi/pdf/10.1080/02541858.1987.11448018) Wild Lion Blood Chemistry, Panthera leo  
Plasma (Clear/Yellow) is water (to 95%) electrolyte (Na<sup>+</sup>, Ca<sup>2+</sup>, Mg<sup>2+</sup>, HCO<sub>3</sub><sup>-</sup>, Cl<sup>-</sup>, etc.), dissolved proteins (6-8%) (e.g., serum albumins, globulins, and fibrinogen), glucose, clotting factors, hormones, carbon dioxide (plasma is secrete waste path, eg virii), and oxygen. Glucose, and "gum" hydrostatics, affects fluid retention, particle suspensions and circulations. Homeostasis suspends and reverberates fluid molecules stabilizing liquid thickness. Carbon dioxide is released in the mitochondria. In mixed venous blood, (Potassium Carbon Dioxide) PCO<sub>2</sub> is 6.1 kPa (46 mm Hg) and in arterial blood PCO<sub>2</sub> is 5.3 kPa (40 mm Hg). Total carbon dioxide in venous blood is 52 ml per 100 ml and in arterial blood 48 ml per 100 ml. SUSPENSIONS, EMULSIONS (L-Valine) Glucose, fats, and proteins, enzymes, and hormones are all carried through the blood. [researchgate.net tinyurl.com/2vc3uen7](https://researchgate.net/tinyurl.com/2vc3uen7)



static field gradient contours from a 3 Tesla MRI magnetic resonance imaging coil system.

Serological Parameters (Unit)	scholar.ufs.ac.za:8080 : tinyurl.com/4pda7lka			
Sodium (mmol/L)	133.0	161.0	135	147
Chlorine (mmol/L)	108.8	133.3	96	109
Total Bilirubin (mmol/L)	2.0	8.0	12	13
Total carbon dioxide (mmol/L)	7.7	18.6		
Gamma-glutamyl transferase (IU/L)	0.0	4.0		
Uric acid (mmol/L)	0.0	0.1	26	85
Albumin (g/L)	9.0	14.0	35	55
Total Direct Bilirubin (μmol/L)	0.0	2.0	?	?
Aspartate transaminase (IU/L)	12.0	40.0		
Calcium (mg/dL)			8.5	108

Converting decalites (dL) to litres (L) is one decimal point to the right. [healthpages.org/health-a-z/normal-values-lab-tests/](https://healthpages.org/health-a-z/normal-values-lab-tests/)

Lower	Upper	Lower	Upper
Lion	Human		

## YUV Chrominance Bandwidth Luminance URINE GRAVIMETRY vs HSV vs ANALOG

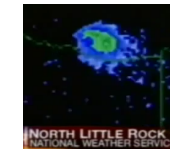
Uritic *ayveraves* 8.87 g/L carbon, 8.12 g/L nitrogen, 8.25 g/L oxygen, and 1.51 g/L hydrogen. [books.google.ca/books?id=n0KRAAAAYAAJ](https://books.google.ca/books?id=n0KRAAAAYAAJ)  
Yellow electrical absorptions, static pressures, temperature variables. Inversions. New plasmas are clear. Uro aromatizes fuse (fuschia) and magnetic (magentas) resonate hydrogens at extremes "the bends". Vleocentric color reflects at velocities that flare at huxley perpendicular (purple) carrier red blue angles. Staring at contrast and looking away, persists vision pressure! Colours invert voltage on eye cornea.

**U** Clear  
Healthy, Hydrodises, Carbon?  
**Y** Yellow (Quercetins, Flavonoids)  
Plasma statics, Vitamin Absorption  
**V** Brown (Rejuvenation Phase)  
Phenytoin, CNS Membrane, Rot.  
**U** Orange (HydroPressureElectrics)  
Copper, Dehydration.  
**U** Potassium (Heat Capacitance)  
Iono ferric leukomain. Pheromones.  
Fermi magnetic. Cloudiness.

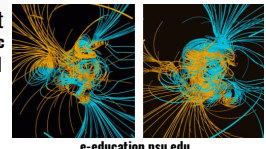
**V** Purple (Regenerative Phase)  
Endocrine Membranes. Lactase. Hydrolase  
**U** Red (Cancer Warning)  
Blood, Uroerythrin, Membrane Permeability  
**Y** Green (Good Health)  
Biliderin, Phenol Drugs, Infections  
**Y** Bubbles, Gas (Cool Colors in Bulbs)  
Philm Phoom Phosphate, Arterial  
**V** Nitrous (Warm Colors) Venous,  
Phlair Hysteresis. Thermal Magnetics?



**DIY CENTRIFUGE** Lab-grade centrifuge (normally \$2,000) for 50 bucks. Eppendorf Tubes, 3-D Printed Wheel, Dremel. [popsoci.com : tinyurl.com/yxmlvg65](https://popsoci.com/tinyurl.com/yxmlvg65)  
Platelets and WBCs merge and centrifuge resumes. Leukocytes and Thrombocytes form and Leukocytes (white) separate. As the final result, the process yields a platelet concentrate. Nutrients are added for storage. Plasma separate is flash frozen @-30 C in a process taking several hours. [verekeskuu.se/en/about-blood/making-blood-components/](https://verekeskuu.se/en/about-blood/making-blood-components/)



**Radar Birds 2<sup>nd</sup> Fall @ 1730 ft**  
[youtube.com/watch?v=yM-FoxnGhc](https://youtube.com/watch?v=yM-FoxnGhc)  
**2ND YEAR NEAR SAME LOCATION**  
2012 North Little Rock. Pole reversals twist magnet lines in nitrous air, trough argonne plas-magmatic rock conduits. Geosphere to solar shields block galactic cosmic rays.



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## SOLAR WEATHER ON BLOOD PLASMA AND PYROLYTIC EVOLVTS!

Some ancestries suffer solar weather disease exceeding x5 more when removed from their natural habitat. Blood plasma volumes are adaptive evolutions differing due to elevation, ocean, and bedrock. Solar magnetics affect selenium-sorbate bio absorption, and vitamin C production. Aerosols such as pollen, soot and sea salts ride magnetic dynes powered by solar, lunar and geo variabilities.

## ὕπερ HYPERTHYIMIA AND ΙΣΤΟΙΑ <sup>1819</sup>books.google.ca/books?id=gDRkAAAAAAJ

Hyperthymia : thinks herself under superhuman control ; great weakness of memory, forgetfulness  
**MODERN WIKIPEDIA ENTRY :: HYPERHYMIC TEMPERAMENT** or hyperthymia, from Ancient Greek ὕπερ ("over", meaning here *excessive*) + θυμός ("spirited"). Opposed to dysthymia. Hyperthymia is similar to but more stable than hypomania. <sup>[1][2]</sup> Energy and productivity. Short sleep patterns. vividness, activity, extroversion. Self-assurance, self-confidence, strong will, extreme talkativeness, tendency to repeat oneself, risk-taking/sensation seeking, breaking social norms, very strong libido, love of attention, low threshold for boredom, emotion sensitivity, cheerfulness and joviality, unusual warmth, expansiveness, tirelessness, irrepressibility, irresistible, and infectious quality. Dancing plagues may be an extreme form of hyperthymia. [en.wikipedia.org/wiki/Hyperthymic\\_temperament](https://en.wikipedia.org/wiki/Hyperthymic_temperament)

**POLYRICINOLEATE : ATE : 8 ::** The suffix '-ate' denotes a time conditional. On a given condition POLYRICINOLEATE becomes POLYRICINOLEIC. We all understand ricin as hard sharp plastic, and linoleum as glossy erodible. The acids sludge into the carbon waste track. Plastics from plants clear the immuno thymic lymphatic and glymphatic hydro circulatory in trough carbon enzyme blood plasmas. Carbohydrates turned HydroCarbons.

## SICKLE CELL DISEASE : "CURE ALL" : HÆMATITE : RIGHTY TIGHTY : LOOSIE LEFTIE

SDC's inherited disorder groups affect RBC hemoglobin. The molecule in RBCs that deliver oxygen "trough -out" body cells. People with this disease have atypical hemoglobin S molecules that distort RBCs into a sickle, crescent, shape. Hæmatite "cure alls" won't remedy the specifics in a generalized sickle cell diagnosis. It "effects" ionics "trough" tactility. [medlineplus.gov/genetics/condition/sickle-cell-disease](https://medlineplus.gov/genetics/condition/sickle-cell-disease)

A gram is a grain a boke is toke. One grain = 0.0684 grams. 1894 GOULD [books.google.ca/books?id=1CQ0AQAAAMAJ](https://books.google.ca/books?id=1CQ0AQAAAMAJ)  
Selenium prevents covid photovoltaically.[SUP] The 5th century S was written as "rr". britannica.ca  
At the center 888KM Lipari,Lipari,Dogliani Triangle sits Pescara, translated to "Scary Pharaoh" in Scottish Gaelic. Short Sightedness translated in Thai is Nickle Wobble when text is flipped over and read backwards in translate.google.ca  
The Earth Grows! Is there a triangle from Lac du Sorcier, Levee du Ganadoke and Athens Ontario?

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